



IFWO

## RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/771,254

DATE: 10/05/2004

TIME: 10:33:17

Input Set : A:\P1857R1P1.txt

Output Set: N:\CRF4\10052004\J771254.raw

## -&gt; 1 Patin Docket Preview

```

7 <110> APPLICANT: Flores, Heather
8     Lin, Tanya P.
9     Pai, Roger
10    Shahrokh, Zahra
11    Matthews, Timothy C.
13 <120> TITLE OF INVENTION: Apo-2 LIGAND/TRAIL FORMULATIONS
15 <130> FILE REFERENCE: P1857R1P1
17 <140> CURRENT APPLICATION NUMBER: US 10/771,254
18 <141> CURRENT FILING DATE: 2004-02-03
20 <150> PRIOR APPLICATION NUMBER: US 60/338,249
21 <151> PRIOR FILING DATE: 2001-11-13
23 <150> PRIOR APPLICATION NUMBER: PCT/US02/36251
24 <151> PRIOR FILING DATE: 2002-11-12
26 <160> NUMBER OF SEQ ID NOS: 2
28 <210> SEQ ID NO: 1
29 <211> LENGTH: 281
30 <212> TYPE: PRT
31 <213> ORGANISM: Homo sapiens
33 <400> SEQUENCE: 1
34 Met Ala Met Met Glu Val Gln Gly Gly Pro Ser Leu Gly Gln Thr
35   1           5           10           15
37 Cys Val Leu Ile Val Ile Phe Thr Val Leu Leu Gln Ser Leu Cys
38           20           25           30
40 Val Ala Val Thr Tyr Val Tyr Phe Thr Asn Glu Leu Lys Gln Met
41           35           40           45
43 Gln Asp Lys Tyr Ser Lys Ser Gly Ile Ala Cys Phe Leu Lys Glu
44           50           55           60
46 Asp Asp Ser Tyr Trp Asp Pro Asn Asp Glu Glu Ser Met Asn Ser
47           65           70           75
49 Pro Cys Trp Gln Val Lys Trp Gln Leu Arg Gln Leu Val Arg Lys
50           80           85           90
52 Met Ile Leu Arg Thr Ser Glu Glu Thr Ile Ser Thr Val Gln Glu
53           95          100          105
55 Lys Gln Gln Asn Ile Ser Pro Leu Val Arg Glu Arg Gly Pro Gln
56          110          115          120
58 Arg Val Ala Ala His Ile Thr Gly Thr Arg Gly Arg Ser Asn Thr
59          125          130          135
61 Leu Ser Ser Pro Asn Ser Lys Asn Glu Lys Ala Leu Gly Arg Lys
62          140          145          150
64 Ile Asn Ser Trp Glu Ser Ser Arg Ser Gly His Ser Phe Leu Ser
65          155          160          165
67 Asn Leu His Leu Arg Asn Gly Glu Leu Val Ile His Glu Lys Gly

```

## RAW SEQUENCE LISTING

DATE: 10/05/2004

PATENT APPLICATION: US/10/771,254

TIME: 10:33:17

Input Set : A:\P1857R1P1.txt

Output Set : N:\CRF4\10052004\J771254.raw

```

68          170          175          180
70 Phe Tyr Tyr Ile Tyr Ser Gln Thr Tyr Phe Arg Phe Gln Glu Glu
71          185          190          195
73 Ile Lys Glu Asn Thr Lys Asn Asp Lys Gln Met Val Gln Tyr Ile
74          200          205          210
76 Tyr Lys Tyr Thr Ser Tyr Pro Asp Pro Ile Leu Leu Met Lys Ser
77          215          220          225
79 Ala Arg Asn Ser Cys Trp Ser Lys Asp Ala Glu Tyr Gly Leu Tyr
80          230          235          240
82 Ser Ile Tyr Gln Gly Gly Ile Phe Glu Leu Lys Glu Asn Asp Arg
83          245          250          255
85 Ile Phe Val Ser Val Thr Asn Glu His Leu Ile Asp Met Asp His
86          260          265          270
88 Glu Ala Ser Phe Phe Gly Ala Phe Leu Val Gly
89          275          280

```

91 &lt;210&gt; SEQ ID NO: 2

92 &lt;211&gt; LENGTH: 1042

93 &lt;212&gt; TYPE: DNA

94 &lt;213&gt; ORGANISM: Homo sapiens

96 &lt;220&gt; FEATURE:

97 &lt;221&gt; NAME/KEY: unsure

98 &lt;222&gt; LOCATION: 447

99 &lt;223&gt; OTHER INFORMATION: unknown base

101 &lt;400&gt; SEQUENCE: 2

```

102 tttcctcact gactataaaa gaatagagaa ggaagggcct cagtgaccgg 50
104 ctgcctggct gacttacagc agtcagactc tgacaggatc atggctatga 100
106 tggaggtcca gggggggacc agcctgggac agacctgcgt gctgatcgtg 150
108 atcttcacag tgctcctgca gtctctctgt gtggctgtaa cttacgtgta 200
110 ctttaccacac gagctgaagc agatgcagga caagtactcc aaaagtggca 250
112 ttgcttgttt cttaaaagaa gatgacagtt attgggaccc caatgacgaa 300
114 gagagtatga acagcccctg ctggcaagtc aagtggcaac tccgtcagct 350
116 cgttagaaag atgattttga gaacctctga ggaaaccatt tctacagttc 400
W--> 118 aagaaaagca acaaaatatt tctcccctag tgagagaaag aggtccncag 450
120 agagtagcag ctacataaac tgggaccaga ggaagaagca acacattgtc 500
122 ttctccaaac tccaagaatg aaaaggctct gggccgcaaa ataaactcct 550
124 ggggaatcatc aaggagtggg cattcattcc tgagcaactt gcacttgagg 600
126 aatggtgaac tggatcatcca tgaaaaaggg ttttactaca tctattccca 650
128 aacatacttt cgatttcagg aggaaataaa agaaaacaca aagaacgaca 700
130 aacaaatggt ccaatatatt taaaaatata caagttatcc tgaccctata 750
132 ttgttgatga aaagtgtctg aaatagttgt tggctctaaag atgcagaata 800
134 tggactctat tccatctatc aagggggaat atttgagctt aaggaaaatg 850
136 acagaatttt tgtttctgta acaaatgagc acttgataga catggaccat 900
138 gaagccagtt ttttcggggc ctttttagtt ggctaactga cctggaaaga 950
140 aaaagcaata acctcaaagt gactattcag ttttcaggat gatacactat 1000
142 gaagatgttt caaaaaatct gaccaaaca aacaaacaga aa 1042

```

RAW SEQUENCE LISTING ERROR SUMMARY  
PATENT APPLICATION: US/10/771,254

DATE: 10/05/2004  
TIME: 10:33:18

Input Set : A:\P1857R1P1.txt  
Output Set: N:\CRF4\10052004\J771254.raw

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:2; N Pos. 447 ✓

VERIFICATION SUMMARY

PATENT APPLICATION: US/10/771,254

DATE: 10/05/2004

TIME: 10:33:18

Input Set : A:\P1857R1P1.txt

Output Set: N:\CRF4\10052004\J771254.raw

L:1 M:259 W: Allowed number of lines exceeded, (1) GENERAL INFORMATION:

L:118 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2 after pos.:400